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DN - 137:321558

TI - Water-, weather-, and alkali-resistant algicides for industrial use

IN - Kubota, Takao

PA - Takeda Chemical Industries, Ltd., Japan

SO - Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT - Patent

LA - Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN - JP2002316903	A2	20021031	JP 2001-289108	20010921
PRAI- JP 2001-38318	A	20010215		
OS - MARPAT 137:321558				
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IC - ICM A01N043-64				
ICS A01N043-78; A01N043-80; A01N047-12				
CC - 5-2 (Agrochemical Bioregulators)				
Section cross-reference(s): 38, 42				

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN - JP2002316903	A2	20021031	JP 2001-289108	20010921
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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES.
JP 2002316903	ICM	A01N043-64
	ICS	A01N043-78; A01N043-80; A01N047-12

OS - MARPAT 137:321558

AB - The algicides, useful for coatings, adhesives, etc., contain triazines, isothiazolines, and haloacetylenes. An acrylic emulsion coating contg. 0.5 wt.% of a xylene soln. contg. Irgarol 1071 (2-methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine) 5.1, Kathon 893T (2-n-octyl-4-isothiazolin-3-one) 5.1, and Troysan Polyphase P 100 (3-iodo-2-propynyl butylcarbamate) 7.5 wt.% was applied on filter paper,

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dried, immersed in H2O for 24 h, dried, immersed in H2O for 24 h, and dried to form a coating film, which completely inhibited Chlamydomonas reinhardtii, Euglena gracilis, and Chlorella even after light irradiation for 4 wk.

- ST - algicide water resistance triazine isothiazoline haloacetylene; weather resistance algicide triazine isothiazoline haloacetylene; coating algicide triazine isothiazoline alkali resistance; adhesive algicide isothiazoline haloacetylene weather resistance
- IT - Acrylic polymers, uses
 RL: TEM (Technical or engineered material use); USES (Uses)
 (emulsion coatings; water-, weather-, and alkali-resistant algicides contg. triazines, isothiazolines, and haloacetylenes for industrial use)
- IT - Coating materials
 (emulsions, water-thinned; water-, weather-, and alkali-resistant algicides contg. triazines, isothiazolines, and haloacetylenes for industrial use)
- IT - Adhesives
 Algicides
 (water-, weather-, and alkali-resistant algicides contg. triazines, isothiazolines, and haloacetylenes for industrial use)
- IT - 580-48-3D, mixts. contg. 1912-24-9D, 2-Chloro-4-ethylamino-6-isopropylamino-s-triazine, mixts. contg. 2634-33-5D, 1,2-Benzisothiazolin-3-one, mixts. contg. 2682-20-4D, 2-Methyl-4-isothiazolin-3-one, mixts. contg. 4299-07-4D, mixts. contg. 22936-75-0D, mixts. contg. 26172-55-4D, 5-Chloro-2-methyl-4-isothiazolin-3-one, mixts. contg. 26530-20-1D, 2-n-Octyl-4-isothiazolin-3-one, mixts. contg. 26530-24-5D, mixts. contg. 28159-98-0D, 2-Methylthio-4-tert-butylamino-6-cyclopropylamino-s-triazine, mixts. contg. 55406-53-6D, 3-Iodo-2-propynyl butylcarbamate, mixts. contg. 64359-80-4D, 4-Chloro-2-octyl-4-isothiazolin-3-one, mixts. contg. 64359-81-5D, 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one, mixts. contg. 82633-79-2D, 2-Methyl-4,5-trimethylene-4-isothiazolin-3-one, mixts. contg. 473544-48-8 473544-49-9
 RL: BSU (Biological study, unclassified); BUU (Biological use, unclassified); MOA (Modifier or additive use); TEM (Technical or engineered material use); BIOL (Biological study); USES (Uses)
 (water-, weather-, and alkali-resistant algicides contg. triazines, isothiazolines, and haloacetylenes for industrial use)